

Title (en)
Rotary displacement pump.

Title (de)
Rotationsverdrängerpumpe.

Title (fr)
Pompe rotative à déplacement positif.

Publication
EP 0255336 A2 19880203 (EN)

Application
EP 87306650 A 19870728

Priority
CA 514904 A 19860729

Abstract (en)
A rotary, positive displacement progressing cavity pump comprising a stator (4), a rotor (5) within the stator, an inlet and outlet in the stator and a drive shaft (6) connected to the rotor, the drive shaft-to-rotor connection (12,13) comprising a heat-sensitive, breakaway bond (14) of a heat-fusible metal alloy in an amount to provide a mechanical linkage between the drive shaft and the rotor, the metal alloy being meltable upon the generation of heat within the pump cavity and so disconnect the mechanical linkage.

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F04C 2/107; F04C 15/00

IPC 8 full level
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CPC (source: EP)
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Cited by
NO329714B1; US5603608A; EP1101946A3; US5779460A; AU721639B2; AU643621B2; US5318416A; US8613608B2; US8496456B2; US8388327B2; US6220838B1; US8556603B2; WO2010021549A1; WO0133079A1; WO2017154023A1; WO9747886A1; WO9220923A1

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